

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2005/Feb W3

(c) format only 2005 The Dialog Corp.

*File 155: Medline has been reloaded; accession numbers have changed.
Please see HELP NEWS 154.

File 2:INSPEC 1969-2005/Feb W2

(c) 2005 Institution of Electrical Engineers

*File 2: Price change effective Jan 1, 2005. Enter HELP
RATES 2 for details.

File 5:Biosis Previews(R) 1969-2005/Feb W3

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RATES 5 for details.

File 6:NTIS 1964-2005/Feb W3

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RATES 6 for details.

File 8:Ei Compendex(R) 1970-2005/Jan W3

(c) 2005 Elsevier Eng. Info. Inc.

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RATES 8 for details.

File 73:EMBASE 1974-2005/Feb W3

(c) 2005 Elsevier Science B.V.

*File 73: Price change effective Jan 1, 2005. Enter HELP
RATES 73 for details.

File 987:TULSA (Petroleum Abs) 1965-2005/Feb W1

(c)2005 The University of Tulsa

File 94:JICST-EPlus 1985-2005/Jan W2

(c)2005 Japan Science and Tech Corp(JST)

File 35:Dissertation Abs Online 1861-2005/Jan

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File 144:Pascal 1973-2005/Feb W2

(c) 2005 INIST/CNRS

*File 144: Price change effective Jan 1, 2005. Enter HELP
RATES 144 for details.

File 105:AESIS 1851-2001/Jul

(c) 2001 Australian Mineral Foundation Inc

*File 105: This file is closed (no updates)

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan

(c) 2005 The HW Wilson Co.

File 58:GeoArchive 1974-2005/Dec

(c) 2005 Geosystems

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W3

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*File 34: Price change effective Jan 1, 2005. Enter HELP
RATES 34 for details.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

*File 434: Price change effective Jan 1, 2005. Enter HELP
RATES 434 for details.

File 292:GEOBASE(TM) 1980-2005/Jan B2

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*File 292: Price change effective Jan 1, 2005. Enter HELP
RATES 292 for details.

File 89:GeoRef 1785-2005/Feb B1

(c) 2005 American Geological Institute

02/25/2005

10/785,447

*File 89: Please see HELP ALERTALL for new Alert frequency and price. Please see HELP RATES 89 for new Academic Subscriber rates.

File 65:Inside Conferences 1993-2005/Feb W3

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200513

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*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)

(c) 2005 JPO & JAPIO

*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

02/25/2005

10/785,447

Set	Items	Description
S1	5	AU=(ENDT, A? OR ENDT A?)
S2	3	S1 AND (MRI OR MAGNETIC(1W)(IMAG? OR IMAGING) OR MAGNETIC(-W)RESONAN? OR NMR OR NUCLEAR()MAGNETIC()RESONANCE OR FTNMR OR FTMRI OR MAGNETORESONANCE OR PMR OR PROTON(W)MAGNETIC(W)RESONAN? OR MR()(IMAGE? OR IMAGING))
S3	4177	GRADIENT(2N)(COIL? ? OR SPIRAL???? OR CONCENTRIC????? OR WIRE????)
S4	6084	SPIRAL?(2N)COIL? ?
S5	10247	S3:S4
S6	1807554	MRI OR MAGNETIC(1W)(IMAG? OR IMAGING) OR MAGNETIC(W)RESONAN? OR NMR OR NUCLEAR()MAGNETIC()RESONANCE OR FTNMR OR FTMRI - OR MAGNETORESONANCE OR PMR OR PROTON(W)MAGNETIC(W)RESONAN? OR MR()(IMAGE? OR IMAGING)
S7	42779	MC=(S01-E02A2 OR S03-E07A OR S01-E02A8A OR S01-E02A1 OR S03-E07C OR S05-D02B1 OR S03-C02F1) OR IC=(G01R-003 OR G01N-024-/08 OR G01V-003/A75) OR CC=(A0758 OR A8760I OR B7510N)
S8	1821788	S6:S7
S9	16681	IC=(A61B-005/055 OR G01R-033/38 OR G01R-385 OR G01V-003/00 OR H01F-005/02)
S10	73982	(MAGNET? OR RESONANC?)(2N)TOMOGRAPH?
S11	10117	CARRIER?(2N)PLATE???
S12	3343	S5 AND S8
S13	1030	S12 AND S9
S14	1	S13 AND S11
S15	1029	S13 NOT S14
S16	3	S15 AND INNER(2N)CONDUCTOR?
S17	3	RD (unique items)
S18	1026	S15 NOT S16
S19	2	S18 AND OUTER(2N)CONDUCTOR?
S20	1024	S18 NOT S19
S21	14	S20 AND GROOV???
S22	14	RD (unique items)
Set	Items	Description
S16	3	S15 AND INNER(2N)CONDUCTOR?
S17	3	RD (unique items)
S18	1026	S15 NOT S16
S19	2	S18 AND OUTER(2N)CONDUCTOR?
S20	1024	S18 NOT S19
S21	14	S20 AND GROOV???
S22	14	RD (unique items)
S23	0	S10 AND S11
S24	507	S10 AND S9
S25	31	S24 AND (INNER OR OUTER)
S26	1	S25 AND GROOV???
S27	30	S25 NOT S26
S28	29	S27 AND S8

2/3,AB/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015441528

WPI Acc No: 2003-503670/200347

XRPX Acc No: N03-399842

Open-type **magnetic resonance** apparatus for medical imaging applications, has Z-gradient coil extending at least in regions of upper, lower cylindrical structures and vertical columns connecting the cylindrical structures

Patent Assignee: SIEMENS AG (SIEI)

Inventor: VOM ENDT A; **ENDT A V**

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030057949	A1	20030327	US 2002256614	A	20020927	200347 B
DE 10147742	A1	20030417	DE 1047742	A	20010927	200347
GB 2384565	A	20030730	GB 200221922	A	20020920	200351
US 6674284	B2	20040106	US 2002256614	A	20020927	200411

Priority Applications (No Type Date): DE 1047742 A 20010927

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030057949	A1		16	G01V-003/00	
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DE 10147742	A1			G01R-033/381	
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GB 2384565	A			G01R-033/385	
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US 6674284	B2			G01V-003/00	
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Abstract (Basic): US 20030057949 A1

Abstract (Basic):

NOVELTY - An imaging volume (35) having a central region accessible along horizontal direction orthogonal to the horizontal direction of the basic magnetic field, is placed between upper and lower cylindrical structures (10,15). A Z-gradient coil extends at least in regions of the cylindrical structures and vertical columns (22,26) that connect the cylindrical structures.

USE - For inter-operative and intra-operative medical imaging applications, especially for examining patients with claustrophobia.

ADVANTAGE - Provides a highly efficient gradient coil system that has reduced installation space, eddy current, waste heat and noise.

DESCRIPTION OF DRAWING(S) - The figures show the perspective view of the **magnetic resonance** apparatus and the conductor arrangement layout of the coil section respectively.

upper cylindrical structure (10)

lower cylindrical structure (15)

vertical columns (22,26)

imaging volume (35)

pp; 16 DwgNo 1, 2/11

2/3,AB/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015422299

WPI Acc No: 2003-484441/200346

XRPX Acc No: N03-385177

Gradient coil system for **magnetic resonance** device, has component(s) of cooling arrangement, and latent heat storage device that